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Substitute for form 1449A/PTO Complete if Known **Application Number** 10/613,208 INFORMATION DISCLOSURE Filing Date July 3, 2003 STATEMENT BY APPLICANT First Named Inventor Charles P. Barber Express Mall Label No. EV511845789US Art Unit 2876 (use as many sheets as necessary) Examiner Name Karl D. Frech Sheet of 6

Attorney Dockst Number

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| | | U.S. PATENT DOCUMENTS | | | | | | |
|------------------|--------------|--|--------------------------------|--|---|--|--|--|
| | | Document Number | | | T | | | |
| Examiner | Cite No.1 | Number Kind Code ² (if known) | Publication Date MM-0D-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | |
| cor | AI | US Patent Application No. 10/445,524. Filed May 27, 2003. U. S. Publication No. 2003/0213847. (Abandoned) (Copies of Office Actions dated 2/23/04 and 5/28/04 attached) | 11-20-2003 | McCall et at. | | | | |
| | AJ | US-4,092,698 | 05-30-1978 | Brefka | | | | |
| | AK | US-4,158,194 | 06-12-1979 | McWaters et el. | | | | |
| | AL | US-4,315,245AA | 02-09-1982 | Somitomo Electric Industries, Ltd. | Nakahara et al, | | | |
| | AM | US-4,471,384 | 09-11-1984 | -Fujitau Limited- | sato et al. | | | |
| 1 | AN | US-4.818,847A | 04-04-1989 | Nispondenso Co., Ltd. | Hara et al. | | | |
| | AO | US-4.847,490 | 07-11-1999 | Sumitomo Electric | Nishikama | | | |
| | AP | US-5,010,241 | 04-23-1991 | Hewlett-Packard-Company | BUHERWORTH | | | |
| | AQ | US-5,019,699 | 05-28-1991 | Norand Gersoration | Koenck | | | |
| | AR | US-5,059,778 | 10-22-1991 | Mare Incorporated | zouzoulas et al. | | | |
| | AS | US-5,132,525 | 07-21-1992 | Second-Swartz et al | 200200143 (1 411. | | | |
| | AT | US-5.280,162 | 01-18-1994 | - Symbol Technologies, Inc. | Macwin | | | |
| | AU | US-5,331,176 | 07-19-1994 | Sant Anselmo et al. | 1.00 | | | |
| | AV | US-5,359,185 | 10-25-1994 | Norand Corporation | Hanson . | | | |
| | AW | US 5,420,411 | 05-30-1995 | Salatto et al. | 1100001 | | | |
| | AX | US-5,468,950 . | 11-21-1995 | Norand Gorporation | Hanson | | | |
| | AY | US-5,473,149 | 12-05-1995 | Miwa et al. | 776,1 | | | |
| | AZ | US-5,504,317 | 04-02-1998 | Tekahashi | | | | |
| | BA | US 5.504,367 | 04-02-1998 | Arackellian et al. | | | | |
| $\neg \neg \neg$ | 88 | US-5,510,607 | 04-23-1996 | Kabushiki Kaisha TEC | Ishikawa | | | |
| | вс | US-5,550,366 | 08-27-1996 | Roustaei | - 3/11/2000 | | | |
| | BD | US-5,572,006A | 11705/1996 | -Metenetics Corporation | Wang et al. | | | |
| | BE | US-5,598,007 | 01-28-1997 | Bunce et al. | 100119 21-41 | | | |
| | BF | US-5,703,349 | 12-30-1997 | -Metanetics Corporation | Meyerson et al. | | | |
| | BG | US-5,734,153 | 03-31-1998 | -Symbol Technologies, Inc. | Swartz et al | | | |
| 77 | ВН | US-5,738,725 4/ | 1448-02-02-002- | Danielson | PULLITE ET UI | | | |
| | BI | US-5,743,633 | 04-28-1998 | Chau et al: | · · · · · · · · · · · · · · · · · · · | | | |
| 1 | BJ | US-5,750,976 | 05-12-1998 | Eastman et al. | | | | |
| | 8K | US-5,756,981 | 05-26-1998 | Symbol Technologies, Inc. | Roustaei et al. | | | |
| | BL | US-5.763,864 | 08-09-1998 | -Mater Helding Corperation | O'Hagan et al | | | |
| | BM | US-5,783,811 | 07-21-1998 | Feng et al. | to riagary et at | | | |
| | BN | US-5,783,033 | 08-11-1998 | Feng | | | | |
| 77 | ВО | US-5,818,028 | 10-08-1998 | Telxon Corporation | Meyerson et al. | | | |
| 4/- | 8P | US-5,821,513 | 10-13-1998 | O'Hagan et al. | 110,013011 01 41 | | | |
| V | BQ | US-5,837,985A | 11-17-1998 | -Weich-Allyn, Inc. | Kareen | | | |
| THE PARTY | BR | US-5,850,078 | 12-15-1998 | Telxon Compression | Biordano et al. | | | |
| F-6/1 | | | | - defer Philosoppe | Diprocurio et al | | | |

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| Complete If Known | | | | | |
|------------------------|-------------------|--|--|--|--|
| Application Number | 10/613,208 | | | | |
| Filing Date | July 3, 2003 | | | | |
| First Named Inventor | Charles P. Barber | | | | |
| Art Unit | 2876 | | | | |
| Examiner Name | Karl D. Frech | | | | |
| Attorney Docket Number | 283-263 Con | | | | |

| | BS US-5,872,354 BT US-5,850,078A BU US-5,877,487 BV US-5,888,338 | | U.S. PATENT DO | CUMENTS | | | |
|--|--|-----------------|--------------------------------|--|---|--|--|
| | | Occument Number | T.O. TAILERT DO | T | T* | | |
| Examiner | Cite No. ¹ | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Ralovant Pessages or Rolovant Figures Appear | | |
| KOK | | US-5,872,354 | 02-16-1999 | Hanson | , | | |
| | | | 12-15-1998 | Symbol Tochnologics, Inc. | Biordano et al. | | |
| | | | 03-02-1999 | Tani et al. | 7 | | |
| | BV | US-5,886,338 | 03-23-1999 | Arackellian et al. | 7 | | |
| | BW | US-5,894,348A | 04-13-1999 | Kensington Laboratories, | Bacchi eta. | | |
| | BX | US-5,912,451 | 08-15-1999 | Symbol Technologies, Inc. | Burevich et al | | |
| | BY | US-5,917,171A | 06-29-1999 | Matsushita Electric Industrial Go., Ltd. | Sasai | | |
| | BZ | US-5,920,061 | 07-08-1999 | -Metametica Corporation, the:- | FERG | | |
| | CA | U\$-5,942,743 | 08-24-1999 | Schmidt et al. | 1213 | | |
| | СВ | US-5,949,057 | 09-07-1999 | Fena | | | |
| | СС | US-5,992,744 | 11-30-1999 | Smith et at. | | | |
| | CD | US-5,992,751 | 11-30-1999 | Norand Corporation | Laser | | |
| | CE | US-5,992,753 | 11-30-1999 | Metanetics Corporation | Xu / | | |
| | CF | US-6,019,288A | 02-01-2000 | - Melanetics Corporation - | Liptal. | | |
| | CG | US-6,029,893A | 02-29-2000 | Symbol-Tochnelegies, Inc. | ran et al. | | |
| | CH | US-6,034,379 | 03-07-2000 | Bunte et al. | | | |
| | CI | US-6,039,255A | 03-21-2000 | Asahi Kogaku Kogyo Kabushiki Kasha | Seo | | |
| | CJ | US-6,042,013 | 03-28-2000 | Fork | | | |
| | СК | US-6,045,047A | 04-04-2000 | Welch Allyn Data Collection. | Pidhirny et al. | | |
| | CL | US-6,060,722 | 05-09-2000 | Havens et al. | | | |
| | CM | US-6.062,475 | 05-16-2000 | Feng | | | |
| | CN | US-6,092,728A | 07-25-2000 | Symbol Technologies, Inc. | Li etal. | | |
| | CO | US-6,105,869 | 08-22-2000 | Scharf et al. | | | |
| | CP | US-6,119,939 | 09-19-2000 | Wolch Allyn, Inc. | schwartt et al | | |
| | CQ | US 6,123,263 | 09-26-2000 | Feng · | | | |
| | CR | US-6,129,276A | 10-10-2000 | Jelxon Corporation | Jelen let al. | | |
| | CS | US-6,184,544 | 12-28-2000 | Schwartz et al. | | | |
| <u> </u> | СТ | US-8,168,079B1 | 01-02-2001 | -Talxon-Gorptistion | Beaer let al | | |
| | CU | US-8,179,208B1 | 01-30-2001 | Metamatics Gosporation | reng / | | |
| | cv | US-6,223,986B1 | 05-01-2001 | - PSO-Scanning, Inc. | Bobbaletal. | | |
| | cw | US-8,275,388 | 08-14-2001 | Hennick et al. | | | |
| | CX | US-6,283,374B1 | 09-04-2001 | Robotic Vision Systems, | _ /Fantone et al. | | |
| | CY | US-6,315,204 | 11-13-2001 | Knighton et al. | | | |
| | CZ | U\$-8,332,573 | 12-25-2001 | Gu et al. | | | |
| | DA | US-6,340,114 | 01-01-300120CZ | Corres et al. | | | |
| | 08 | US-6,347,163 | 02-12-2002 | Roustaei | | | |
| | DC | US-6,360,949 | 03-26-2002 | Shepard et al. | | | |
| N. | DD | US-6,371,374 | 04-18-2002 | Welch Allyn, Inc. | Ischwartz et al. | | |
| LEDE | DE | US-8,550,679 | 04-22-2003 | -Mand-Held-Products, Inc. | . L. Hennick et al. | | |
| Examiner Signature | | 11/1 | $\overline{}$ | Date Considered | 23/05 | | |

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| • | Substitute for form 1449A/PTO | | Complete If Known | |
| | INFORMATION DISCLOSURE | Application Number 10/613,208 Filling Date July 3, 2003 First Named Inventor Charles P. Barber Art Unit 2876 Examiner Name Karl D. Frech | | |
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| | Express Mail Label No. EV511845789US | First Named Inventor | Charles P. Barber | |
| | | Art Unit | 2876 | |
| | (use as many sheets as necessary) | Examiner Name | Karl D. Frech | |
| | Sheet 4 of 6 | Attorney Docket Number | 283,263 Con | |

| U.S. PATENT DOCUMENTS Document Number Publication Date Name of Patentee or Applicant of Clad Document Personal Passages or Relevant Passages or | | | | | |
|---|----|-----------------|------------|-------------------|-------------------------------|
| | | Document Number | | T | |
| | | | | | Relevant Passages or Relevant |
| FOF | OF | US-6,601,768 | 08-05-2003 | McCall et al. | |
| | DG | US-6,607,128 | 08-19-2003 | Welch Allyn, Inc. | Schwartz et al |
| 4 | DH | US-6,634,55B | 10-21-2003 | Patel et al. | |
| 1-00 | ÐΙ | US-6,669,093 | 12-30-2003 | Meyerson et al. | † |

| | | | | FOREIGN PA | TENT DOCUM | ENTS | ************************************* | |
|-----------------------|--------------------------|------|---|------------------------|--------------------------------|---|--|----|
| Examiner Initials* | Cite No. ¹ | For | reign Patent Doc Number ^a | Wind Code! (if trease) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T® |
| KOK | В | EP | 0 431 831 | A1 | 06/12/1991 | NCR Corporation | | |
| | DK | EP | 0 548 951 | A2 | 06/30/1993 | Symbol Technologies, Inc. | | |
| | DŁ | EP | 0 905 537 | A1 | 03/31/1999 | Cenon Kabushiki Kaisha | | |
| | DM | EP | 0 944 017 | A2 | 09/22/1999 | Symbol Technologies, Inc. | | |
| | DN | EP | 1 079 466 | A2 | 02/28/2001 | Sony Computer Entertainment Inc. | | |
| | DO | DE | 1240 149 | В | 05/11/1967 | IRC, Inc. | English Translation Unavailable | |
| \bot | DP | DE | 1 233 038 | В | 01/26/1967 | Siemens Aktiengesellschaft | English Translation Unavailable | |
| | DQ | ОΤ . | 24 45727 | A1 | 09/25/1974 | Pitney-Bowes, Inc. | English Translation Unavailable | |
| | DR | EP | 0 516 927 | A2 | 12/09/1992 | Data Logic optik Elektronik GmbH | | |
| | DS | EP | 0 974 924 | A2 | 01/26/2000 | Eastman Kodak Company | | |
| | DT | EP | 1 128 315 | A1 | 08/29/2001 | Datalogic S.P.A. | | |
| | טס | EP | 1 128 314 | A1 | 08/29/2001 | Datatogic S.P.A. | | |
| | OV | EP | 1 111 538 | A1 | 08/27/2001 | Datalogic S.P.A. | | |
| | DW | JP | 04-387085 | | 12/18/1992 | NIYUURON:KK | Abstract Attached | |
| | DX | JP | 09-035856 | | 02/07/1997 | Tokai Konetsu Kogyo Co Ltd | Translated Abstract, Claims, Detailed Description and Drawings Attached | |
| | OY | વા | 05-096227 | | 04/20/1993 | Canon Inc. | Translated Abstract, Claims, Detailed Description and Figures Attached | |
| | DZ | JP | 02-041496 | | 02/09/1990 | WR Grace & Co | Abstract Attached | |
| 1/ | EA | JP | 07-011942 | | 01/13/1995 | Toyota Motor Corp | Translated Abstract, Claims, Detailed Description and Figures Attached | |
| | EB | JP | 56-101256 | | 08/13/1981 | NEC Corp | Abstract Attached | |
| EDP | EC | JP | 58-15)140 | | 11/24/1981 | Sintokogio Ltd | Abstract Attached | |

Date Considered Examiner Signature

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